

ASSISTANT PROFESSOR



Job Title:	Assistant Professor - Genetic Epidemiology
Department:	Non-Communicable Disease Theme
Faculty:	MRC/UVRI and LSHTM Uganda Research Unit
Location:	Uganda
FTE:	0.1
Grade:	G7
Accountable to:	Prof Segun Fatumo
Job Summary:	The post-holder will be responsible for establishing, validating and overseeing the conduct of genomic epidemiology studies including genome-wide association studies of Cardiometabolic traits, Kidney function, metabolic syndrome and other Non-communicable diseases, fine-mapping, machine learning, genetic risk score analysis and Mendelian Randomisation studies.

General Information

The London School of Hygiene & Tropical Medicine (LSHTM) is one of the world's leading public health universities.

Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice.

Staff and students are committed to helping create a more healthy, sustainable and equitable world for everyone, because we believe our shared future depends on our shared health.

We embrace and value the diversity of our staff and student population and seek to promote equity, diversity and inclusion as essential elements to improve health worldwide. We believe that when people feel respected and included, they can be more creative, successful, and happier at work. While we have more work to do, we are committed to building an inclusive workplace, a community that everyone feels a part of, which is safe, respectful, supportive and enables all to reach their full potential.

To find out more please visit our [Introducing LSHTM page](#).

Our Values

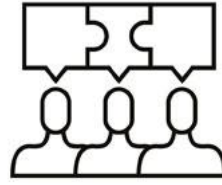
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. Please visit our [LSHTM Values page](#) for further information.



**Act with
integrity**



**Embrace
difference**



**Work
together**



**Create
impact**

Faculty Information

MRC/UVRI & LSHTM Uganda Research Unit

The MRC/UVRI & LSHTM Uganda Research Unit is an internationally recognized centre of excellence for research and training. The Unit was established in 1988 to improve the understanding and control of the HIV epidemic in Uganda and globally, following a request from the Uganda Government to the United Kingdom (UK) Government. After wide consultations, and in response to the changing public health landscape, Unit work has broadened beyond HIV to include other infections, neglected, endemic, emerging and re-emerging infections and non-communicable diseases (NCDs).

The Unit is one of two (2) UKRI/MRC Units outside the UK, the other one in the Gambia. With strong affiliation to the Uganda Virus Research Institute (UVRI), the Unit enjoys vital representation at government level, which facilitates translation of research findings.

In 2018, the Unit was transferred to LSHTM, a major UK global health institution. This new partnership is boosting research capacity into some of the current and emerging health issues in Africa and globally.

The director is Professor Moffat Nyirenda.

The portfolio of duties outlined below will vary in accordance with the academic expectations of the role, which may be varied from time to time, and agreed at your annual Performance and Development Review (PDR).

Job Description

Main Activities and Responsibilities

Knowledge Generation

1. To deliver high quality research & scholarship in your field of study, individually and in collaboration with others, by applying for external grants/fellowships from good¹ research funders, publishing peer-reviewed outputs as lead and co-author; and evaluating teaching practice;
2. To contribute to doctoral student supervision;
3. To manage research grants and promote and ensure compliance with good practice in relation to the conduct of research, the ethics policy, and other relevant LSHTM policies;
4. To support the development of early-career researchers;
5. To contribute to the Unit's NCD Genomics research portfolio

Education

1. To deliver high quality, inclusive, research-informed teaching and assessment in relation to your specific subject and within the broader area covered by your department/disciplinary field;
2. To contribute to the improvement of the quality and inclusivity of LSHTM's education, by participating in the development of new and updated learning and, teaching materials or approaches, and/or improving assessment practices, and/or improving aspects of the student experience;
3. To support educational leadership and management by active participation in selected aspects of the curriculum, as appropriate, and by collaborating with professional services staff, centrally and in the Faculty, in carrying out relevant administrative processes;
4. To collaborate with the co-Programme Director and other key personnel in partner institutions in leading the development of the NCD Genomics programme
5. Subsequently, to act as co-Programme Director for the NCD Genomics.

Internal Contribution

1. To undertake activities that support the Department, Faculty or MRC Unit or LSHTM, including Committee membership;
2. To reflect LSHTM's EDI goals in your work and behaviour;
3. To participate in own PDR and undertake those of others;

¹ Good research funders are: Research Councils; Government Departments; NIHR; National and overseas charities recognised by HEFCE for QR; Overseas research councils or equivalent including NIH; EU; other agencies (eg NGOs, commercial companies) supporting commissioned research that is consistent with LSHTM's mission and meets LSHTM's cost recovery targets

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External Contribution

1. To demonstrate good external citizenship by contributing to the external academic community;
2. To promote knowledge translation and enterprise by participating in networks and activities that disseminate research-based knowledge beyond academia;

Professional Development and Training

1. To keep up-to-date with the latest research/thinking in your academic field and with changes to pedagogic practice within LSHTM and more generally;
2. To undertake and successfully complete the mandatory training required by LSHTM appropriate to the role;

General

All academic staff are free within the law to question and test received wisdom, and put forward new ideas and controversial or unpopular opinions, to enable LSHTM to engage in research and promote learning to the highest possible standards.

All staff at LSHTM are also expected to:

1. Act at all times in LSHTM's best interests;
2. Treat staff, students and visitors with courtesy and respect at all times;
3. Comply fully with LSHTM policies, procedures and administrative processes relevant to the role including when acting as Principal Investigator, accepting academic, managerial, financing and ethical responsibility for a project;
4. Uphold and support LSHTM's values (as set out in the LSHTM Strategy);
5. Act as ambassadors for LSHTM when hosting visitors or attending external events;

Academic Expectations

All academic roles have a statement of academic expectations attached to each level. Please ensure that these have been read and understood. For further information please refer to the [Academic Expectations page](#).

The above list of duties is not exclusive or exhaustive and the role holder will be required to undertake such tasks as may reasonably be expected within the scope and grading of the role.

Role descriptions should be regularly reviewed to ensure they are an accurate representation of the role.

Person Specification

This form lists the essential and desirable requirements needed by the post holder to be able to perform the job effectively.

Applicants will be shortlisted solely on the extent to which they meet these requirements.

Essential criteria:

1. A doctoral degree in a relevant topic
2. Expertise in genetic epidemiology and Bioinformatics
3. Contributions as lead and co-author in peer-reviewed outputs, as expected by the subject area/discipline in terms of types and volume of output; significant contributions to at least four outputs within the most recent 5 years which are at least internationally excellent²
4. Proven ability to work independently, as well as collaboratively as part of a research team, and to meet research deadlines
5. An understanding of the strategies for improving equity and inclusion in research and or learning and teaching
6. Evidence of excellent interpersonal skills, including ability to communicate effectively both orally and in writing
7. Evidence of good organizational skills, including effective time management
8. Excellent grasp of and engagement with the genetic epidemiology and bioinformatics landscape, especially capacity strengthening, research, networks, programme and policy in sub-Saharan Africa
9. A vision of a future research agenda and how to strengthen Unit's profile and impact in genetic epidemiology and bioinformatics research, and working with colleagues in implementing this vision
10. Experience programming languages with knowledge of Linux
11. Experience of applying statistical methods related to genetic epidemiology.
12. Experience with high performance computer clusters and parallel computation.

Desirable criteria:

1. Experience of generating research income such as fellowships, and/or small project grants, and/or supporting grant applications of others
2. Some experience of supervising and supporting junior researchers and/or research degree students, and non-academic staff
3. Some experience of undertaking teaching and assessment

² i.e. of a quality that would be rated highly in assessments of research quality such as those done by UK government, and in peer review processes used by funders

4. Demonstrable evidence of promoting inclusion in research and or learning and teaching
5. A teaching qualification
6. Experience of innovation in teaching delivery, assessment or programme design and management
7. Experience of attracting grants for innovative research or teaching, or supporting others to do so.
8. Experience of doctoral degree supervision
9. Lived experience in low- and middle-income countries, as health professional or researcher
10. Some experience of conducting GWAS, fine-mapping and other genetic statistical methods
11. Some experience of working on African genomic datasets

Salary and Conditions of Appointment

The post is fixed term for 12 months and part-time 3.5 hours per week, 0.1 FTE. The post is funded by the NIH (DSI-Africa) grant and is available immediately. The salary will be on the LSHTM scale, Grade 7 in the range £ £53,317- £61,034 per annum pro rata (inclusive of London Weighting).

The post will be subject to the LSHTM terms and conditions of service. Annual leave entitlement is 30 working days per year, pro rata for part time staff. In addition to this there are discretionary "Wellbeing Days". Membership of the Pension Scheme is available.

LSHTM has a Hybrid Working Framework, which alongside agreed service requirements, enables teams to work more flexibly (if the role allows), promoting a greater wellbeing and work/life balance.

Application Process

Applications should be made on-line via our [jobs website](#). Applications should also include the names and email contacts of 2 referees who can be contacted immediately if appointed. Online applications will be accepted by the automated system until 10pm of the closing date. We regret that late applications cannot be accepted. Any queries regarding the application process may be addressed to jobs@lshtm.ac.uk.

The supporting statement section should set out how your qualifications, experience and training meet each of the selection criteria. Please provide one or more paragraphs addressing each criterion. The supporting statement is an essential part of the selection process and thus a failure to provide this information will mean that the application will not be considered. An answer to any of the criteria such as "Please see attached CV", "Yes" or "No" will not be considered acceptable and will not be scored.

Please note that if you are shortlisted and are unable to attend on the interview date it may not be possible to offer you an alternative date.

Asylum and Immigration Statement

This post is based overseas in Uganda and candidates will be required to email a copy of their passport (and visa if applicable) to HR prior to their interview and if appointed will be asked to send a notarised copy of their passport prior to their start date.

Applicants will be required to have the right to work in the country in which the post is based (or be eligible to apply for a suitable work visa).

Date amended: October 2025